

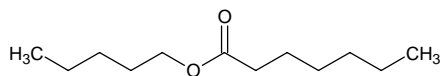
amyl heptanoate

アミル ヘプタノエート

Formula C₁₂H₂₄O₂

Mol. Wt. 200.32

CAS No. 7493-82-5



SEQ No. 151 エステル類

FEMA No. 2073

JECFA No. 170

	JFFMA	JECFA	FCC
Chemical name	amyl heptanoate	n-Amyl heptanoate	Amyl Heptanoate
Content (NLT)	98.0 % (GC)	93 %	93.0 % sum of n-, 2-/3-methyl butyl isomers /GC(M-1a)
Refractive index	1.422-1.428 (n _{20D})	1.422-1.426 (n _{20D})	1.422-1.426 (n _{20D})
Specific gravity	0.861-0.867 (d _{20/20})	0.859-0.863 (d _{25/25})	0.859-0.863 (d _{25/25})
Acid value (NMT)	1.0	1	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 1 ml 95% alcohol	1 mL in 1 mL 95% alc
Other requirements		SC: amyl 2- methylhexanoate	
Identification*	IR : 1 MS : NMR :	IR	

*References

- 1: Joint FAO/WHO Expert Committee on Food Additive (JECFA)
- 2: Food Chemicals Codex (FCC)
- 3: 有機化合物のスペクトルデータベース SDBS(独立行政法人産業技術総合研究所)
- 4: Wiley's Registry of Mass spectral Database
- 5: NIST/EPA/NIH Mass Spectral Library
- 6: Sigma-Aldrich